BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION				
SL No	**Particulars**	**Unit**	**Total Qty**	**Material code**
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	**6**	200005
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**41**	200006
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**63**	CDS materials for General works
4	Supply & Providing of 45KN Composite polymer insulators.	No	**60**	283320
5	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	**174**	283008
6	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**27**	CDS materials for General works
7	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**14.677**	284108
8	Supply & Providing of Spiral Earth Electrode	No	**77**	281683
9	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**10**	304212
10	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**1**	280149
11	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**9**	613050
12	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**18**	278911
13	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**27**	281674+600095 +607054, CDS 60
14	Supply & providing of GI wire 8SWG	kg	**45**	281008
15	Supply & providing of Guy wire 7/10SWG	kg	**90**	281110
16	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**9**	303202, CDS 60
17	Supply & providing of LT Protection kit	No	**9**	301107
18	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**9**	302122
19	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	**9**	821900
20	Supply & Erection of 9M PSCC pole WL 300Kg	No	**9**	200005
21	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**9**	280119, CDS materials for General works

22	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**9**	321437
23	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**9**	
a	Aluminium lead wire 50 sqmm	Mtr	**225**	289031
b	Heavy duty long barrel copper lugs- 50 sqmm	No	**36**	288531
c	P.G Clamps - Rabbit to 50 sq.mm	No	**36**	285508, CDS 63
d	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**18**	280800+280511, CDS 63
e	Spacers for DTC wiring	No	**72**	284503
24	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**30**	200004
25	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**47**	280014, CDS materials for General works
26	1.1 kV Pin Insulator with GI Pin	No	**76**	283053, CDS 5
27	No. 8 Strain Insulator	No	**112**	283158
28	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**18**	CDS materials for General works

PART-II ERECTION PORTION

SL No	**Particulars**	**Unit**	**Total Qty**
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	**6**
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**41**
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**63**
4	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**27**
5	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**14.677**
6	Supply & Providing of Spiral Earth Electrode	No	**77**
7	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**10**
8	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**1**
9	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**9**

10	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**18**
11	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**27**
12	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**9**
13	Supply & providing of LT Protection kit	No	**9**
14	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**9**
15	Supply & Erection of 9M PSCC pole WL 300Kg	No	**9**
16	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**9**
17	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**9**
18	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**9**
a	Aluminium lead wire 50 sqmm	Mtr	**225**
b	Heavy duty long barrel copper lugs- 50 sqmm	No	**36**
c	P.G Clamps - Rabbit to 50 sq.mm	No	**36**
d	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**18**
e	Spacers for DTC wiring	No	**72**
19	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**30**
20	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**47**
21	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**18**
22	Guy concreting with Boulders, Mud and Sand	No	**18**